

FIG. 1

Fig. 10

2/24

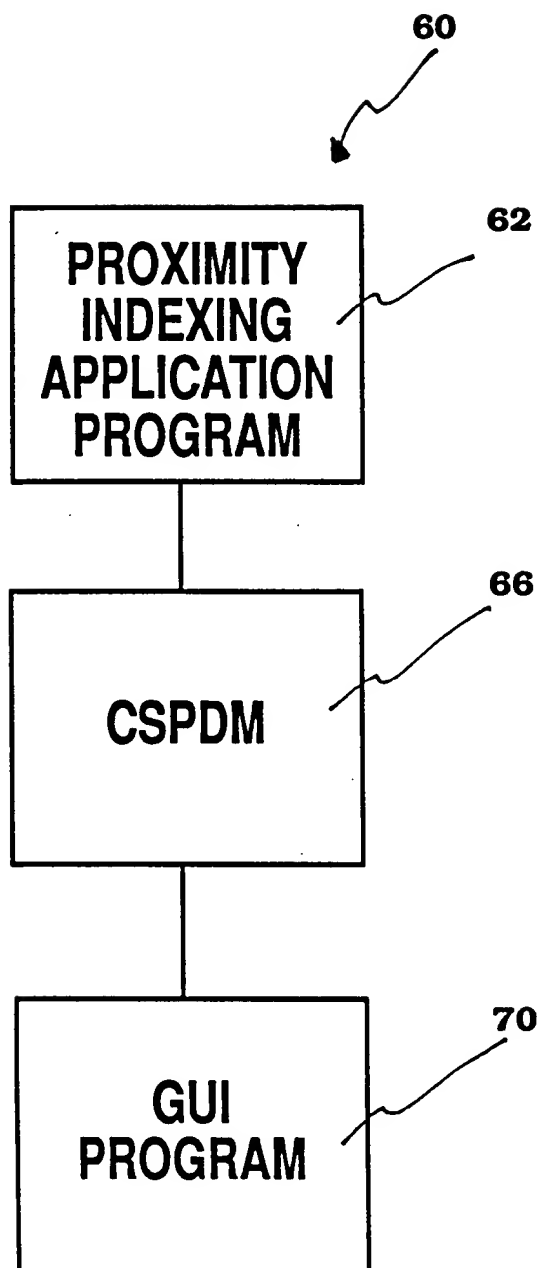


FIG. 2

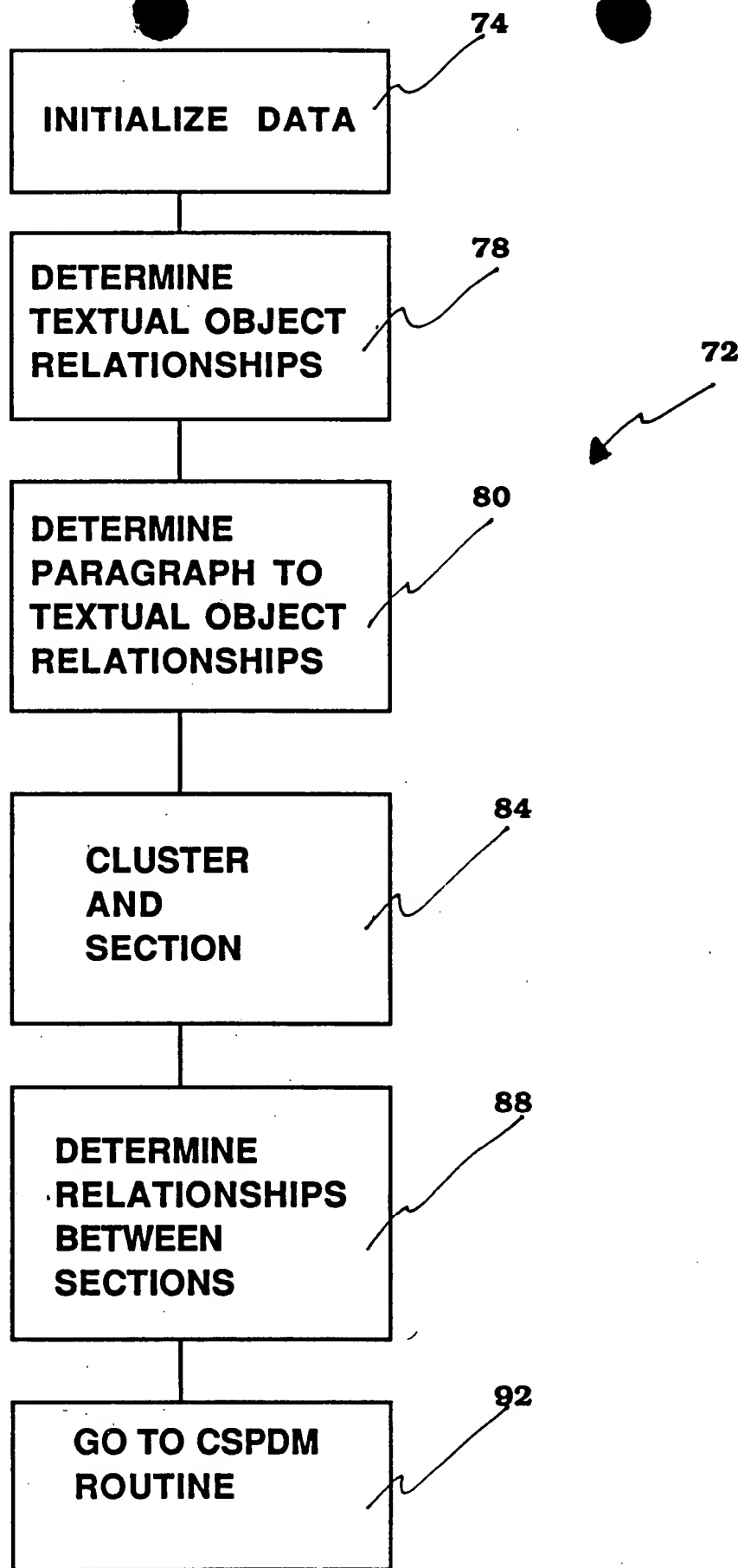


FIG. 3A

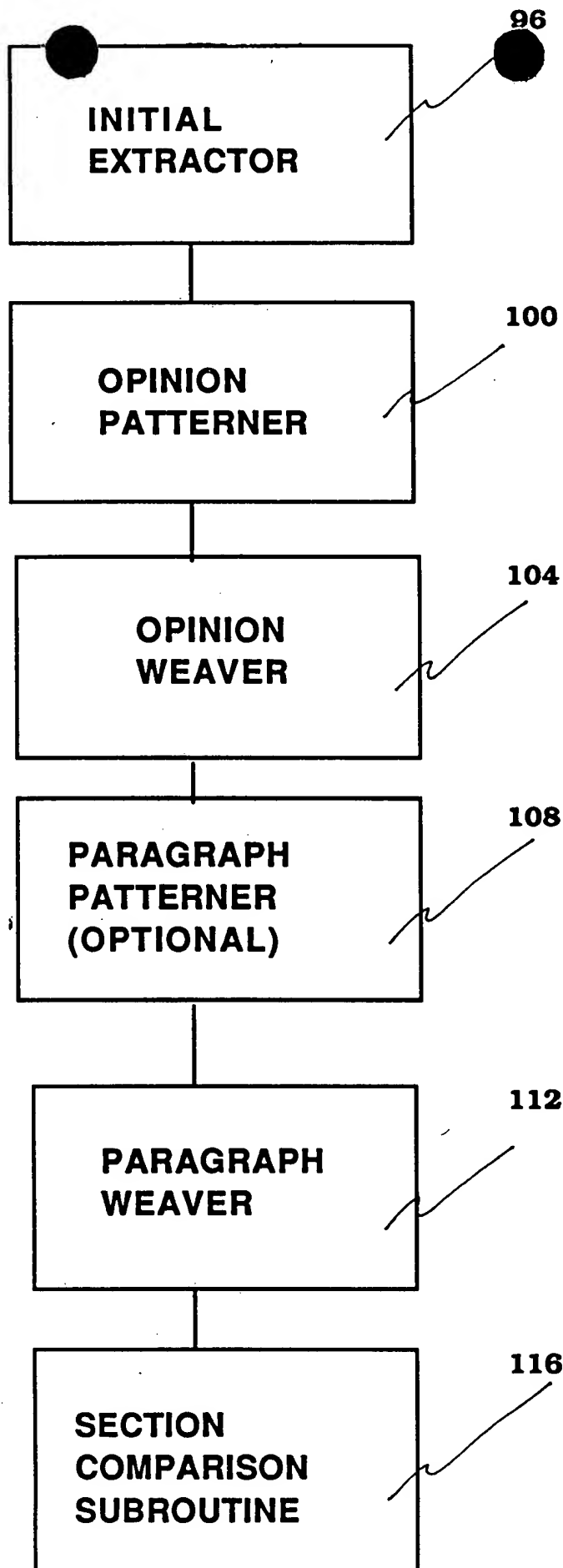


FIG. 3B

08 649304

5/24

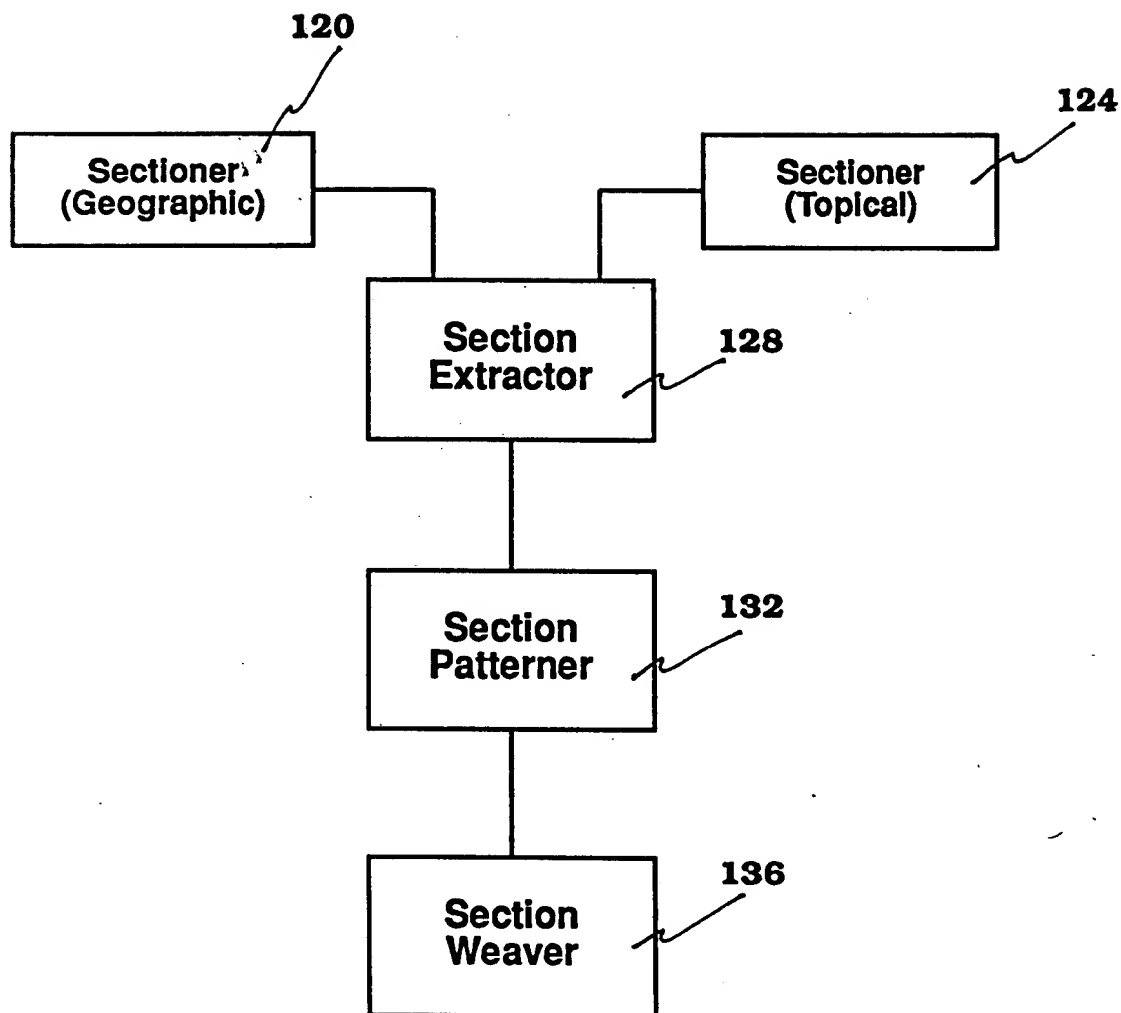


FIG. 3C

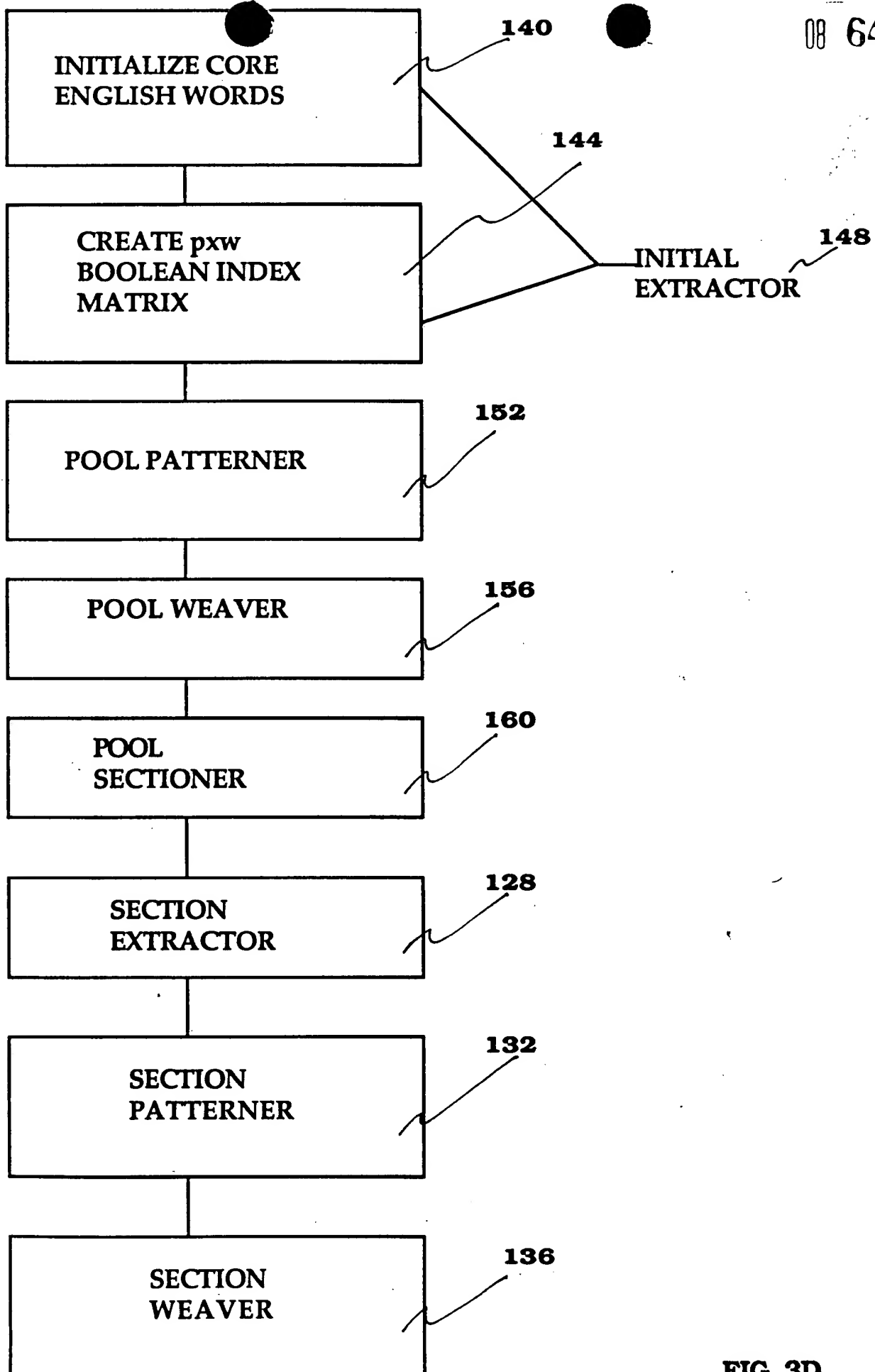
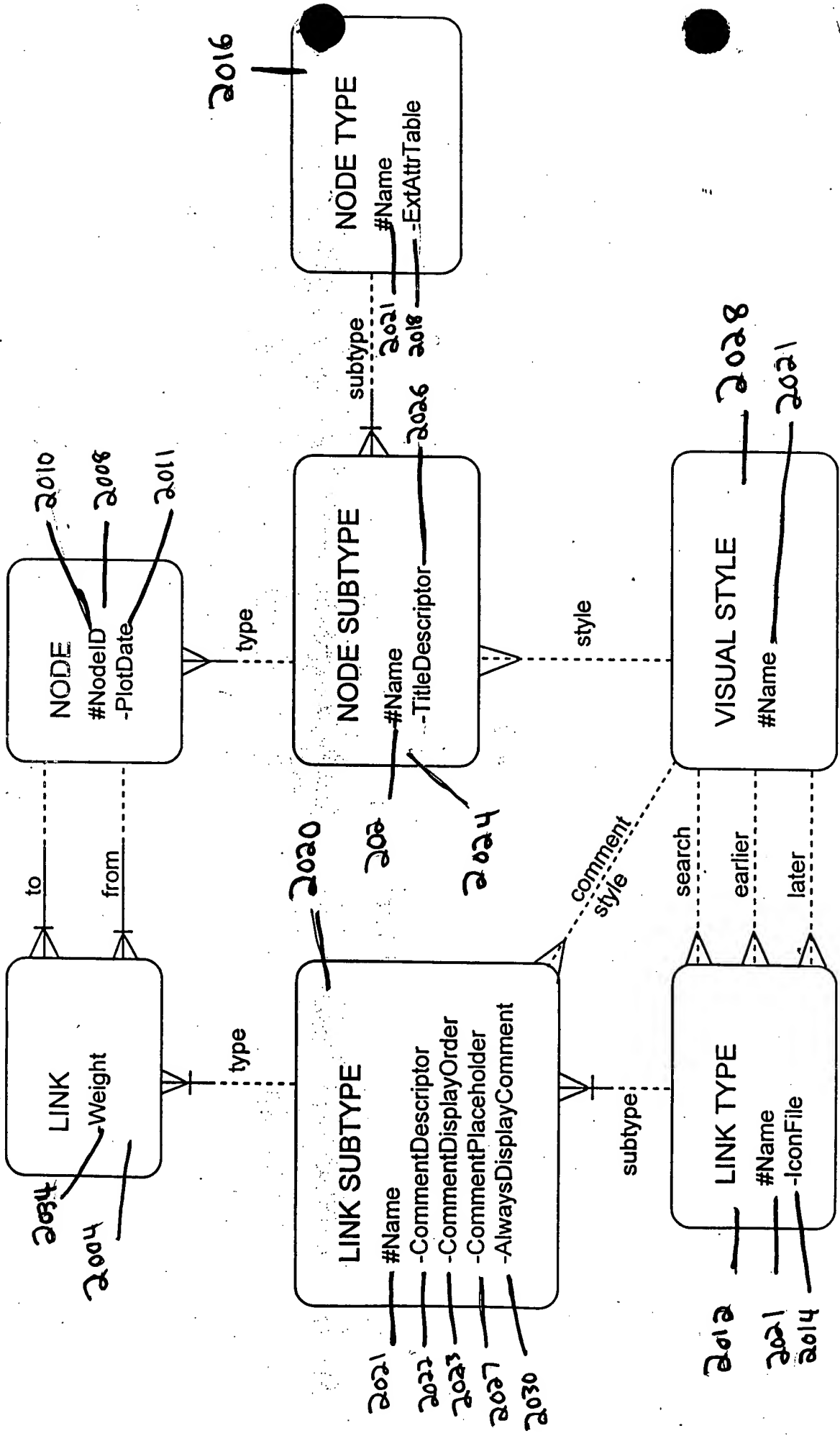


FIG. 3D



Cluster Link Algorithm Update

Technical Note
February 2, 1996

Overview

This document describes the implementation of the cluster link algorithm that is currently being used in V-Search.

Consider a set of nodes $N_0 \dots N_3$ connected by a sequence of direct links whose weights are given by $W_1 \dots W_3$, as shown in Figure 1.

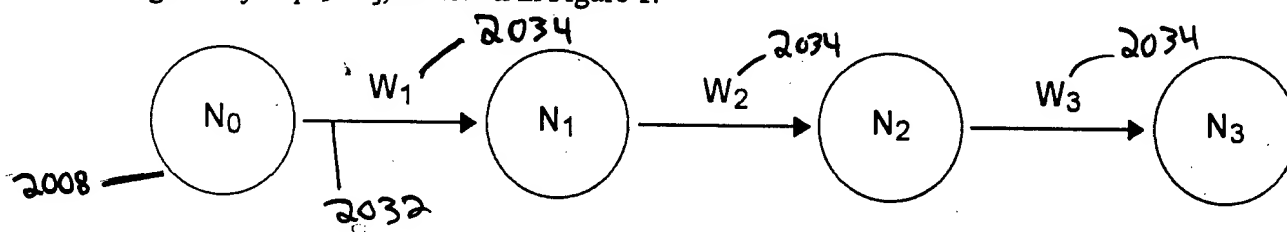


Figure 1: Direct Links

Node N_1 is reachable from N_0 through a path of length 1 (that is, $N_0 \rightarrow N_1$); node N_2 is reachable through a path of length 2 ($N_0 \rightarrow N_1 \rightarrow N_2$); and so on.

Each path provides some evidence that the start node (N_0) and destination node (N_1 , N_2 , or N_3) are related to some extent. The strength of the implied relationship depends on the length of the path, and on the weights of the individual direct links along that path.

In Figure 2, the implied relationships from N_0 to N_1 , N_2 , and N_3 are shown as arcs.

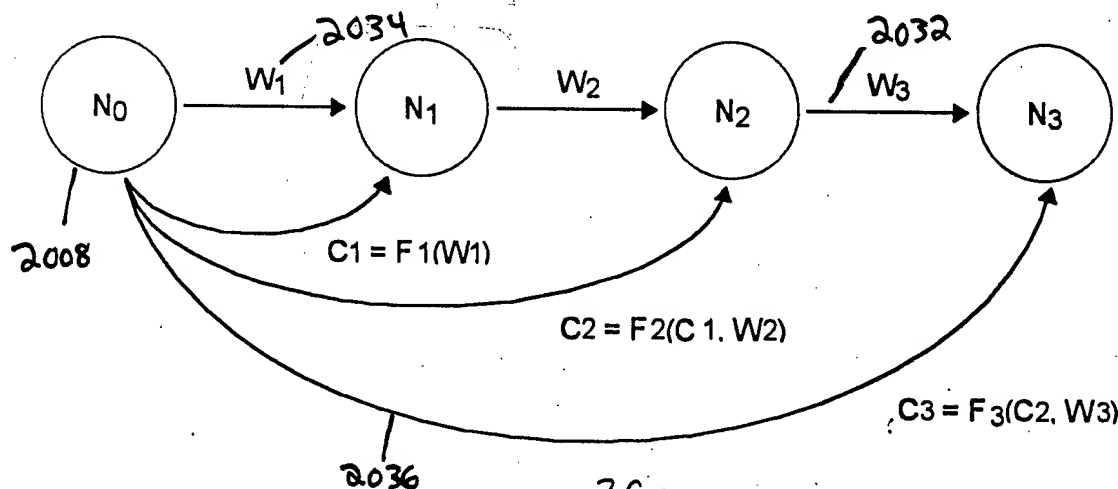
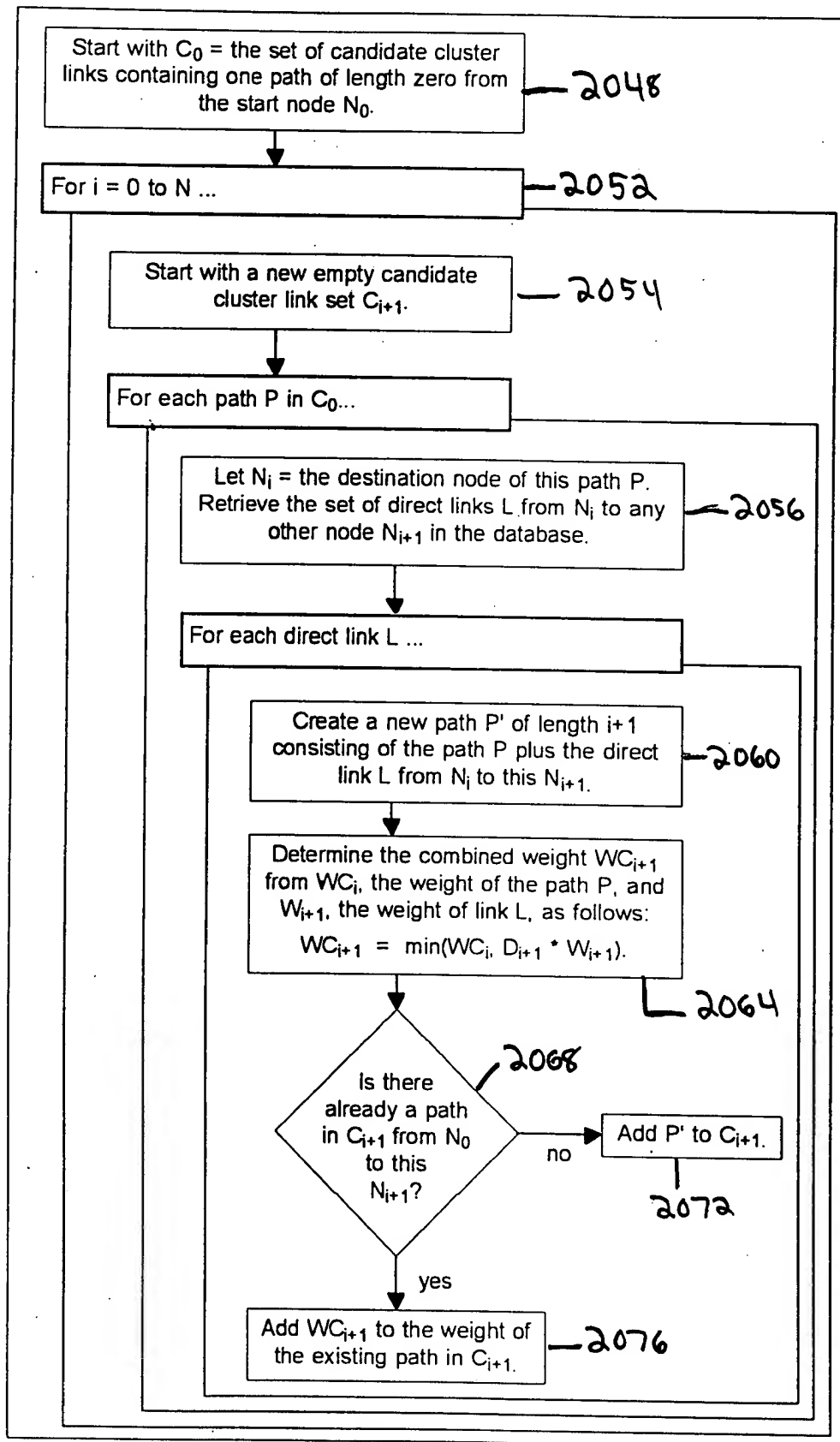


Figure 2: Implied Links



7/24

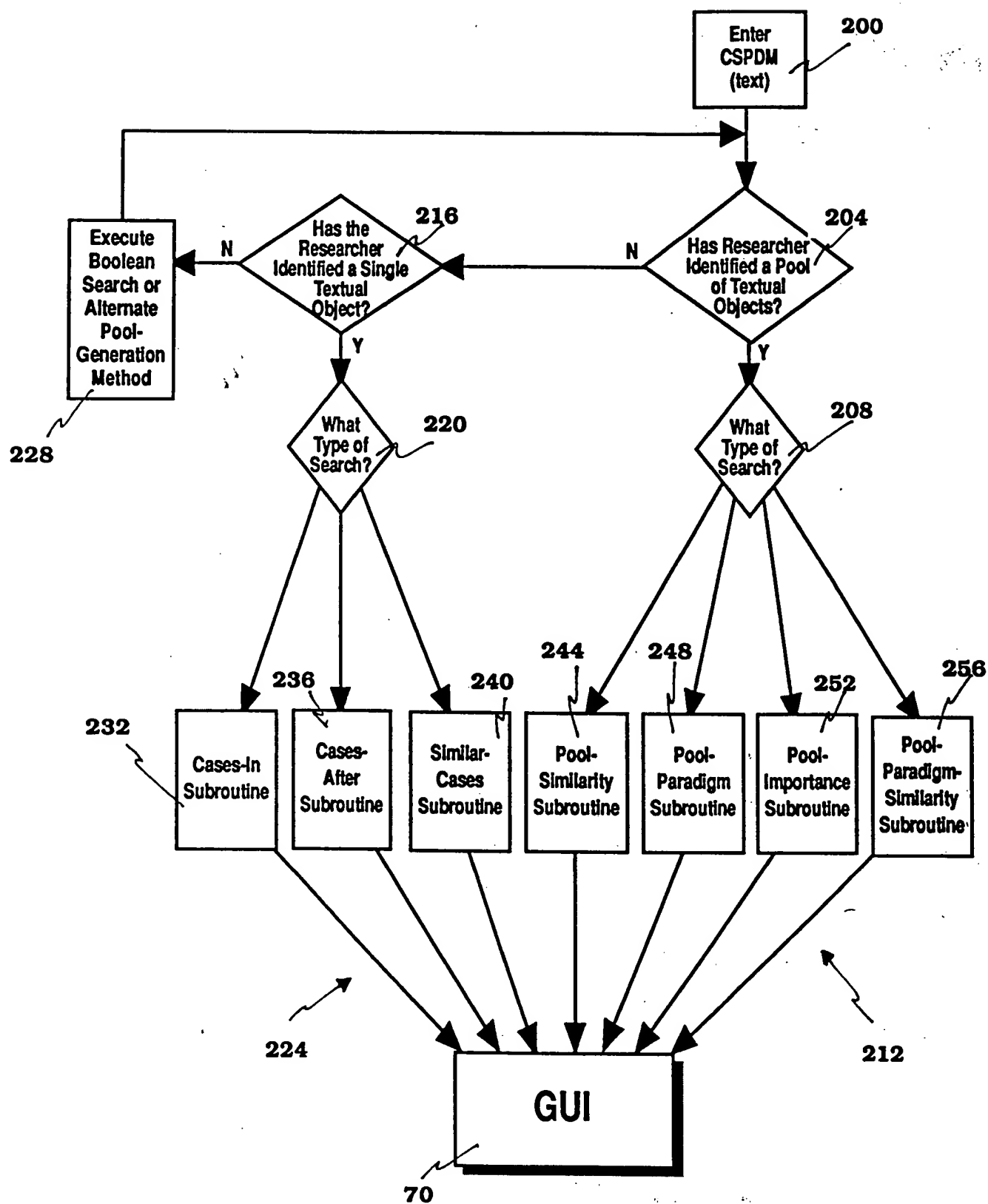


FIG. 4A

8/24

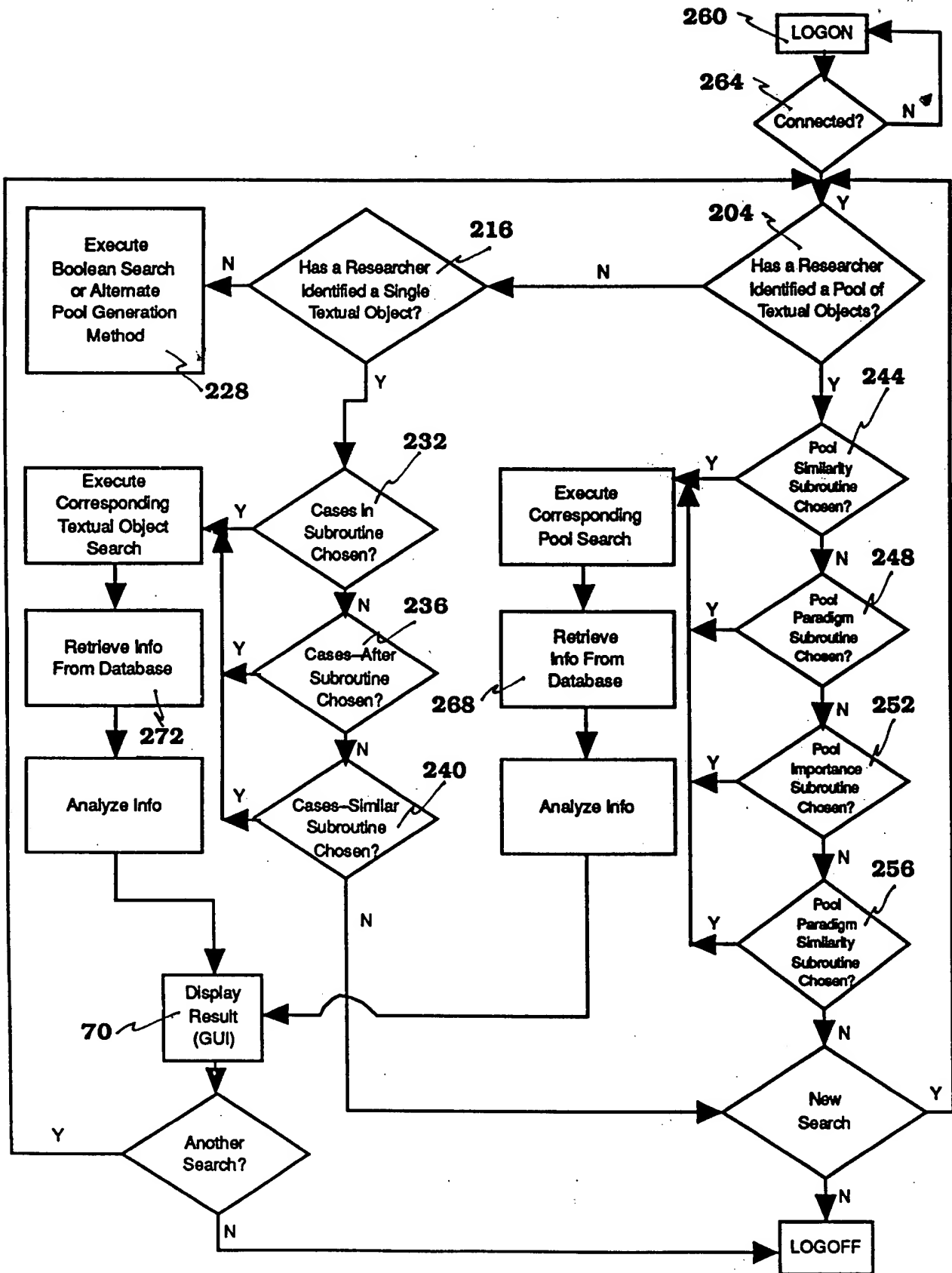


FIG. 4B

9/24

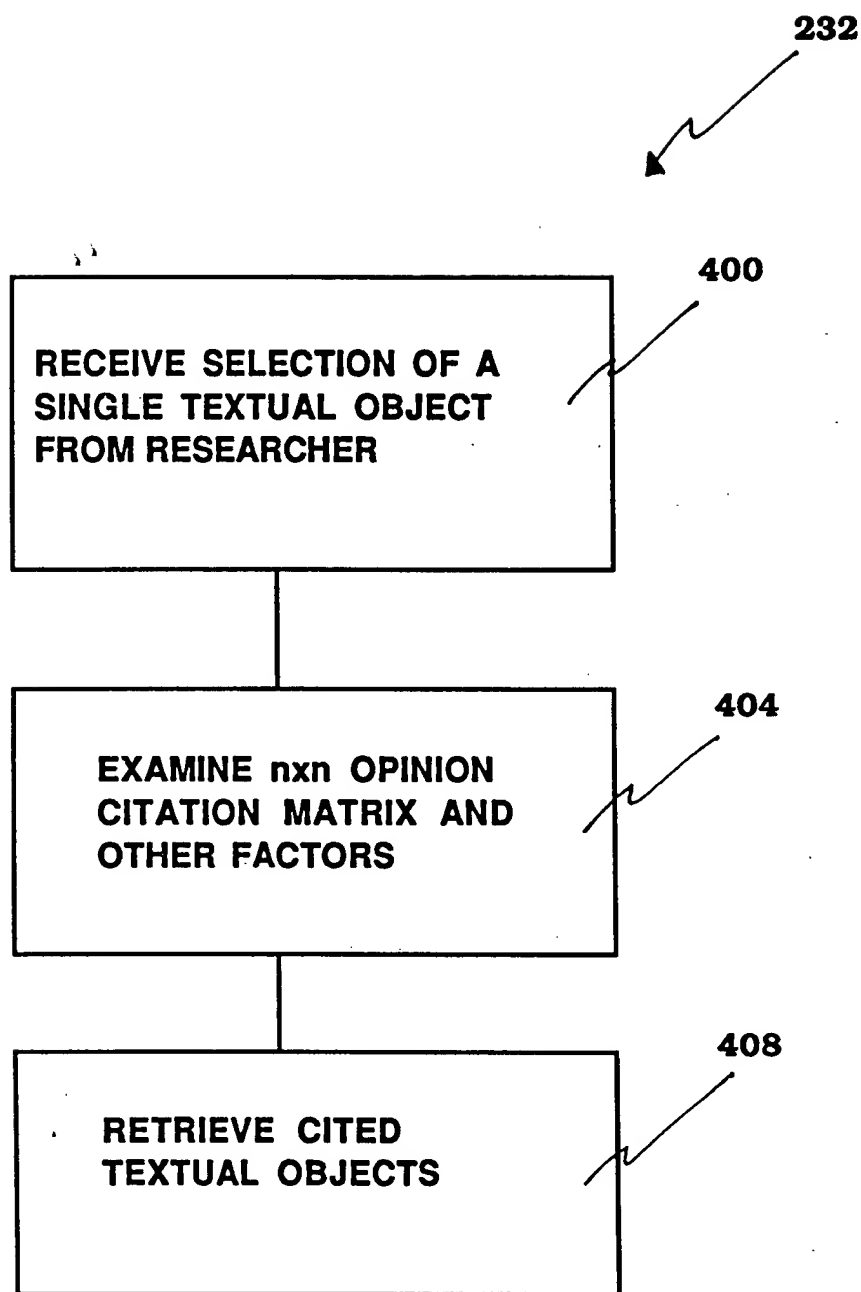


FIG. 4C

10/24

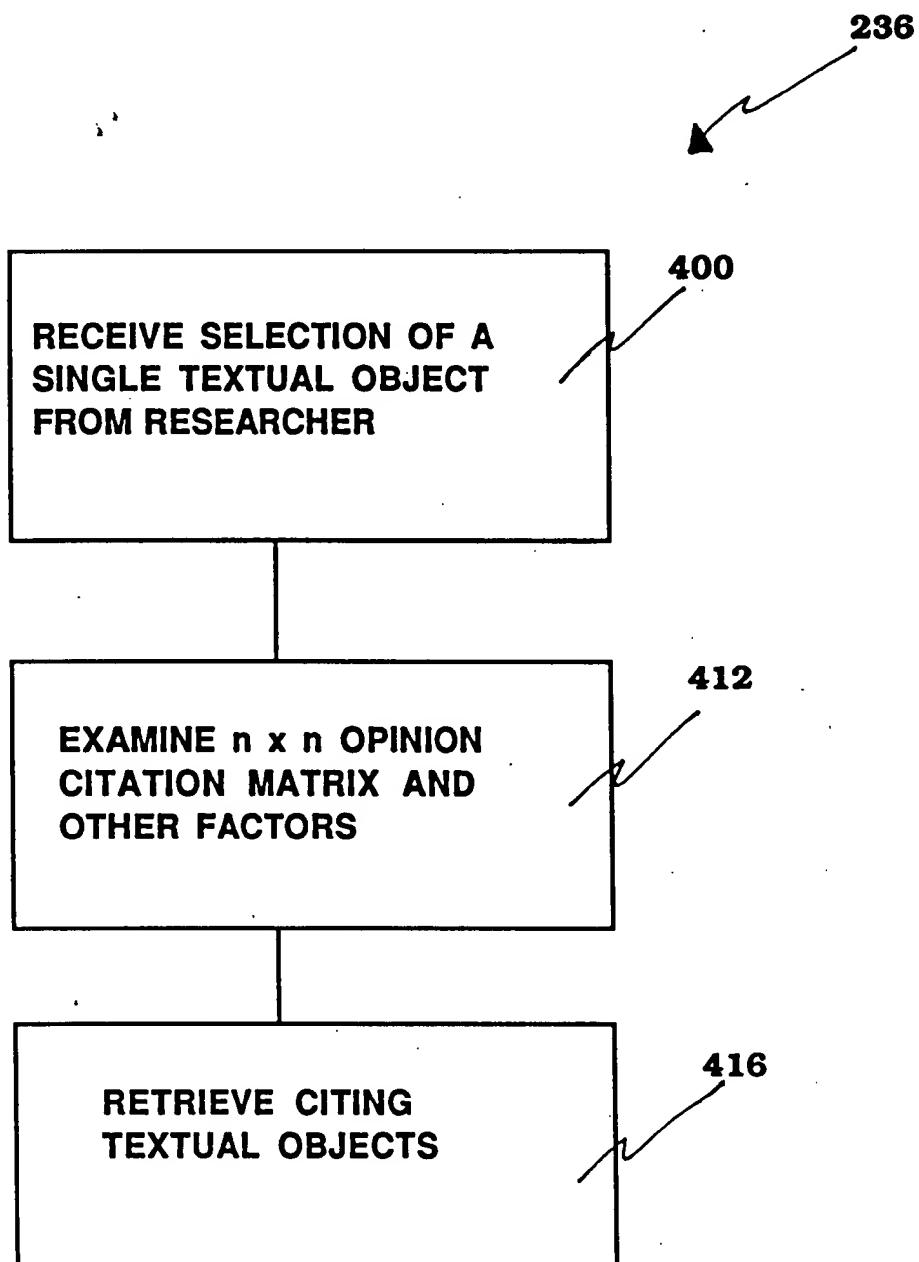


FIG. 4D

11/24

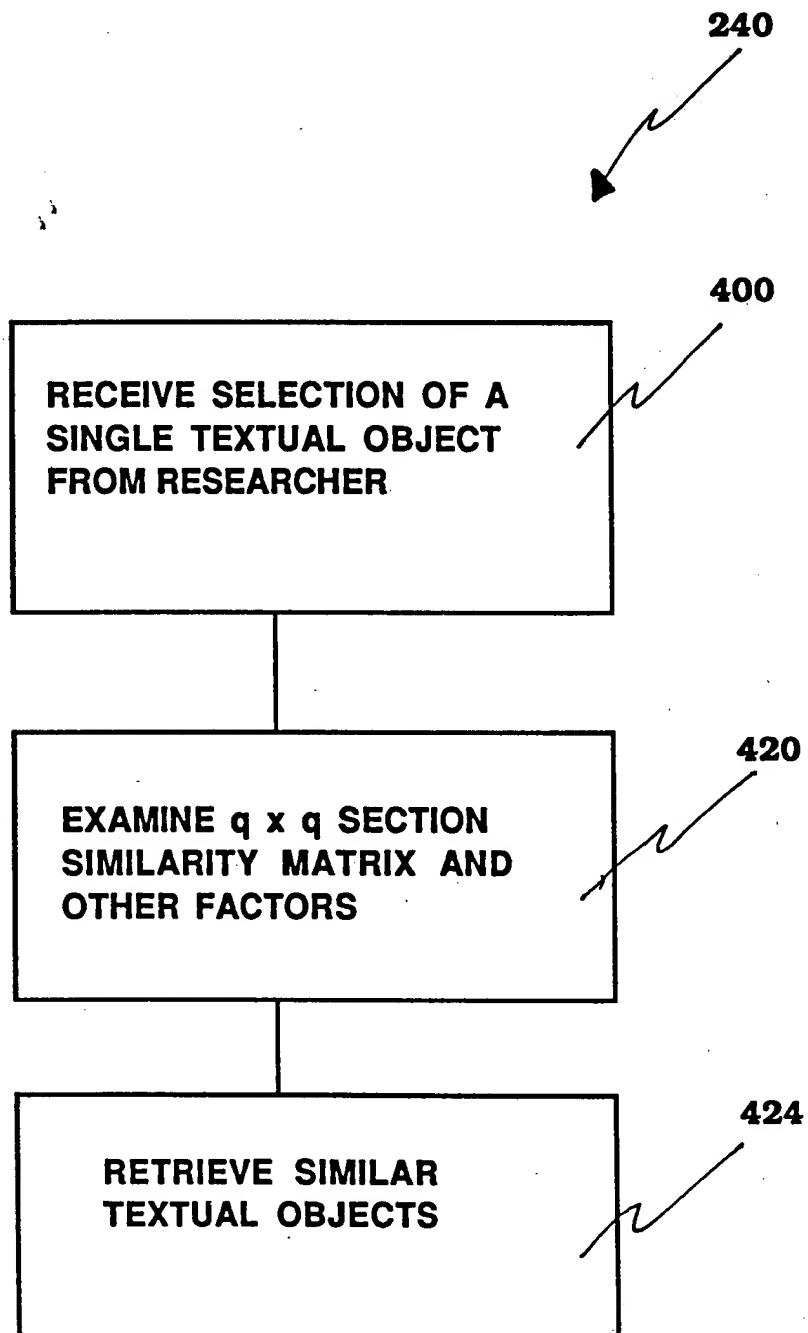


FIG. 4E

12/24

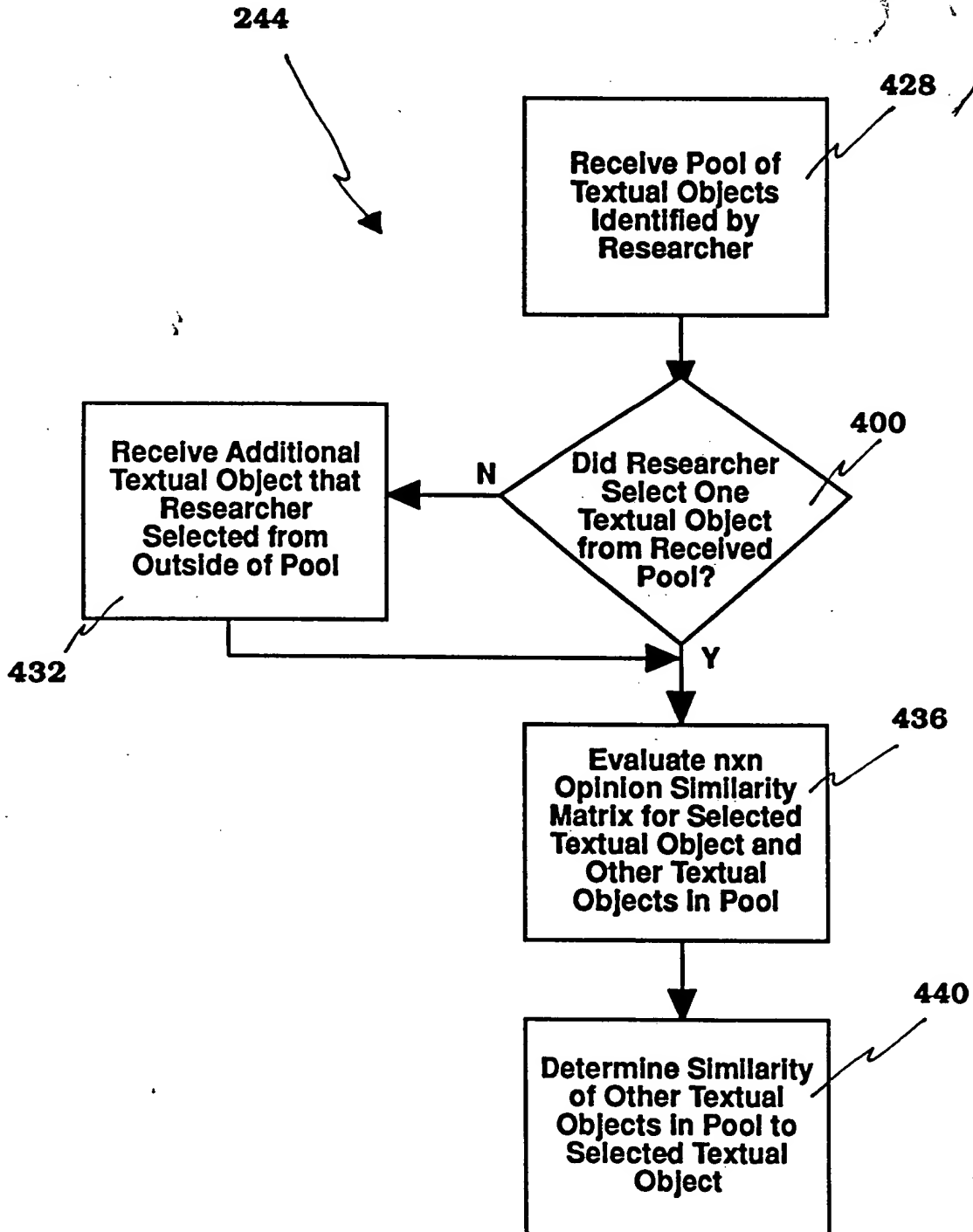


FIG. 4F

13/24

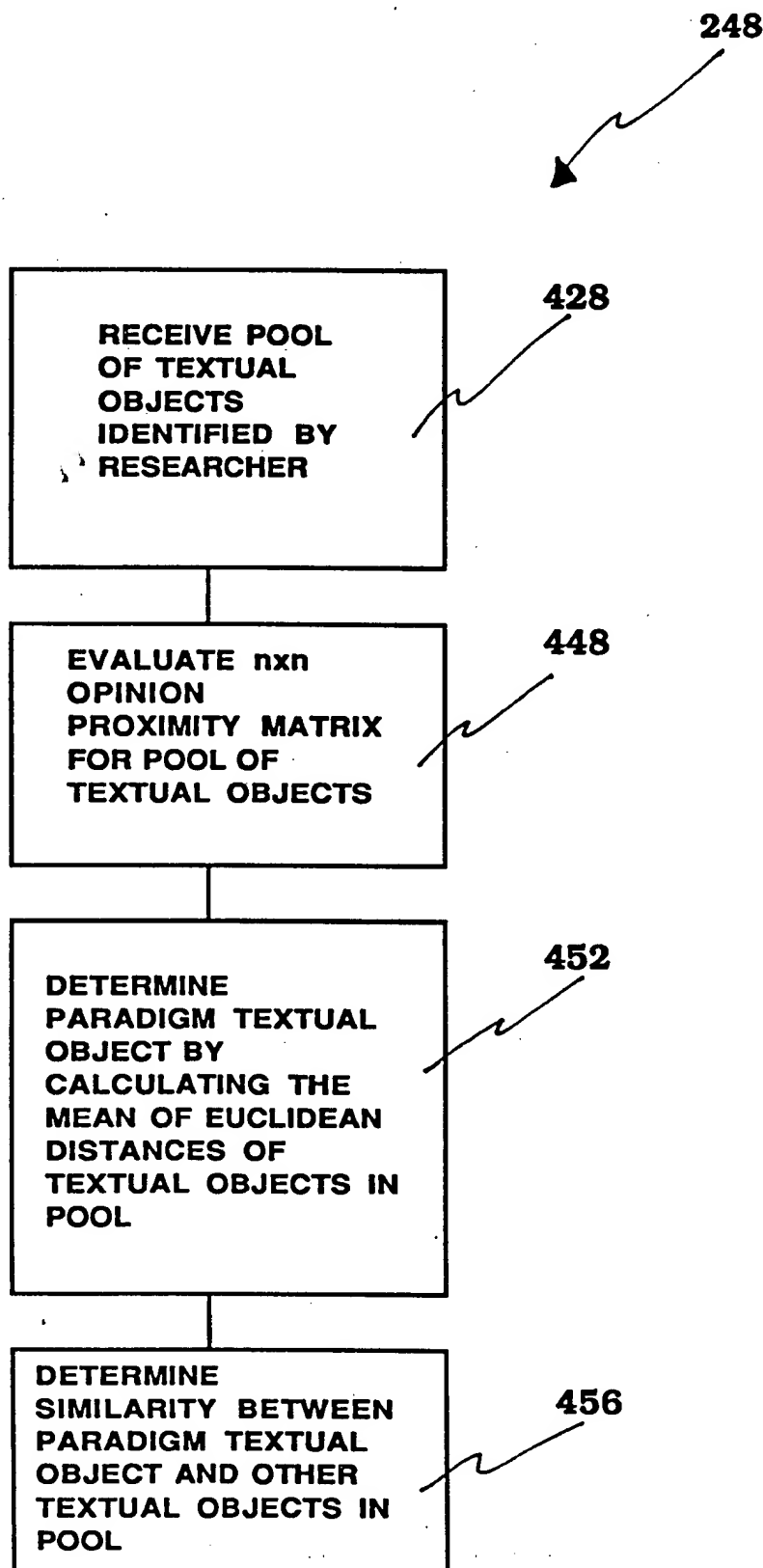


FIG. 4G

14/24

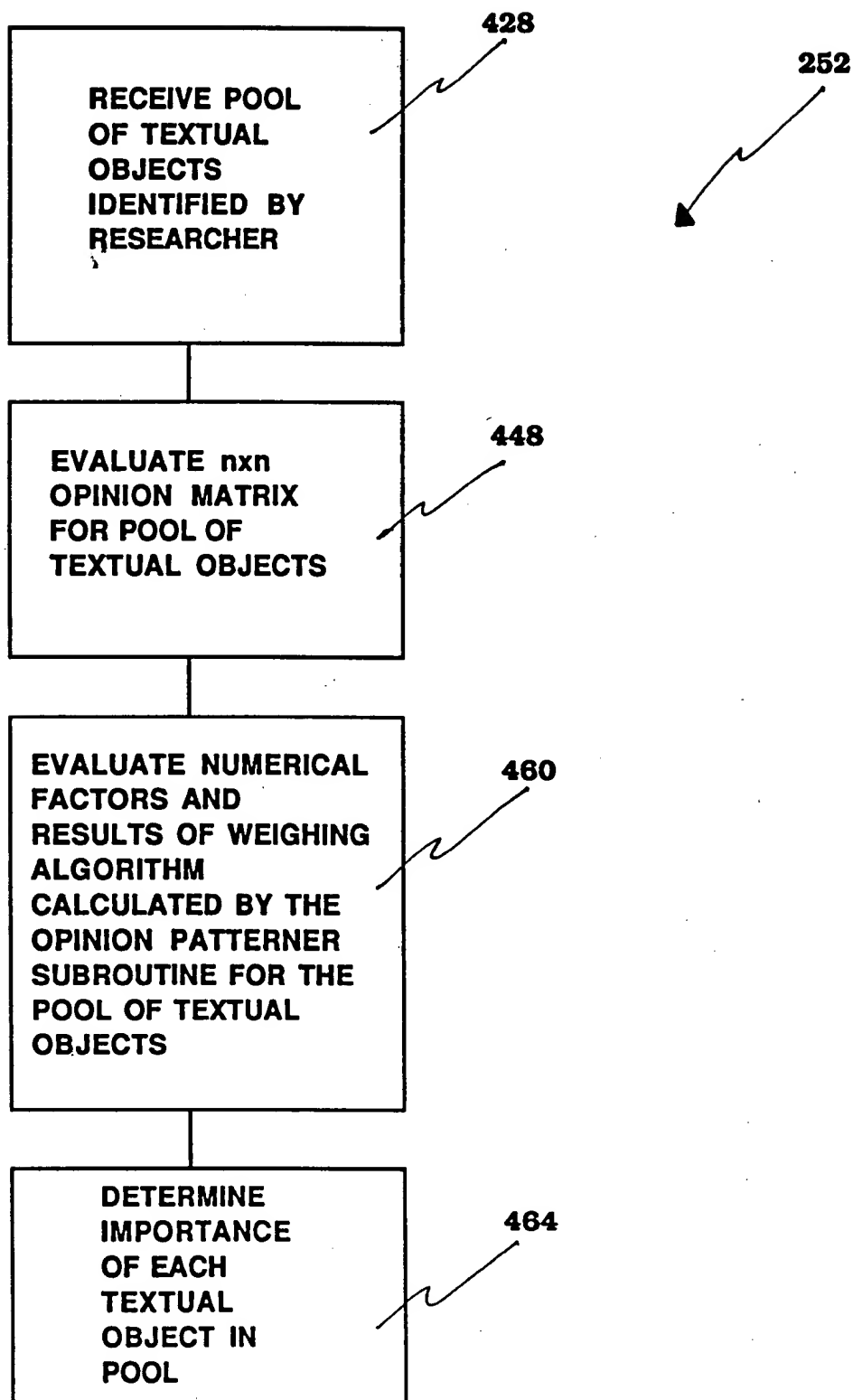


FIG. 4H

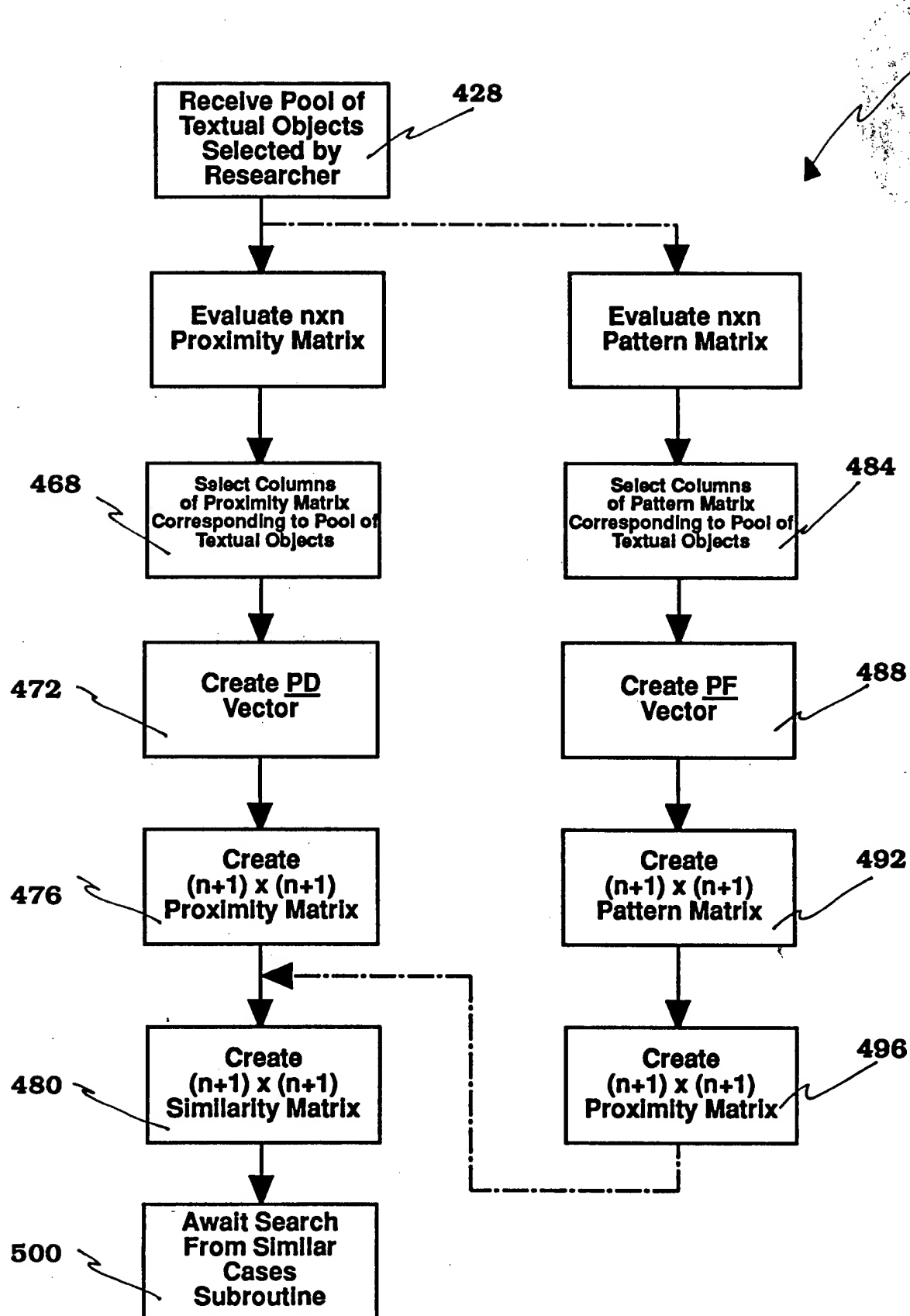


FIG. 4I

16/24

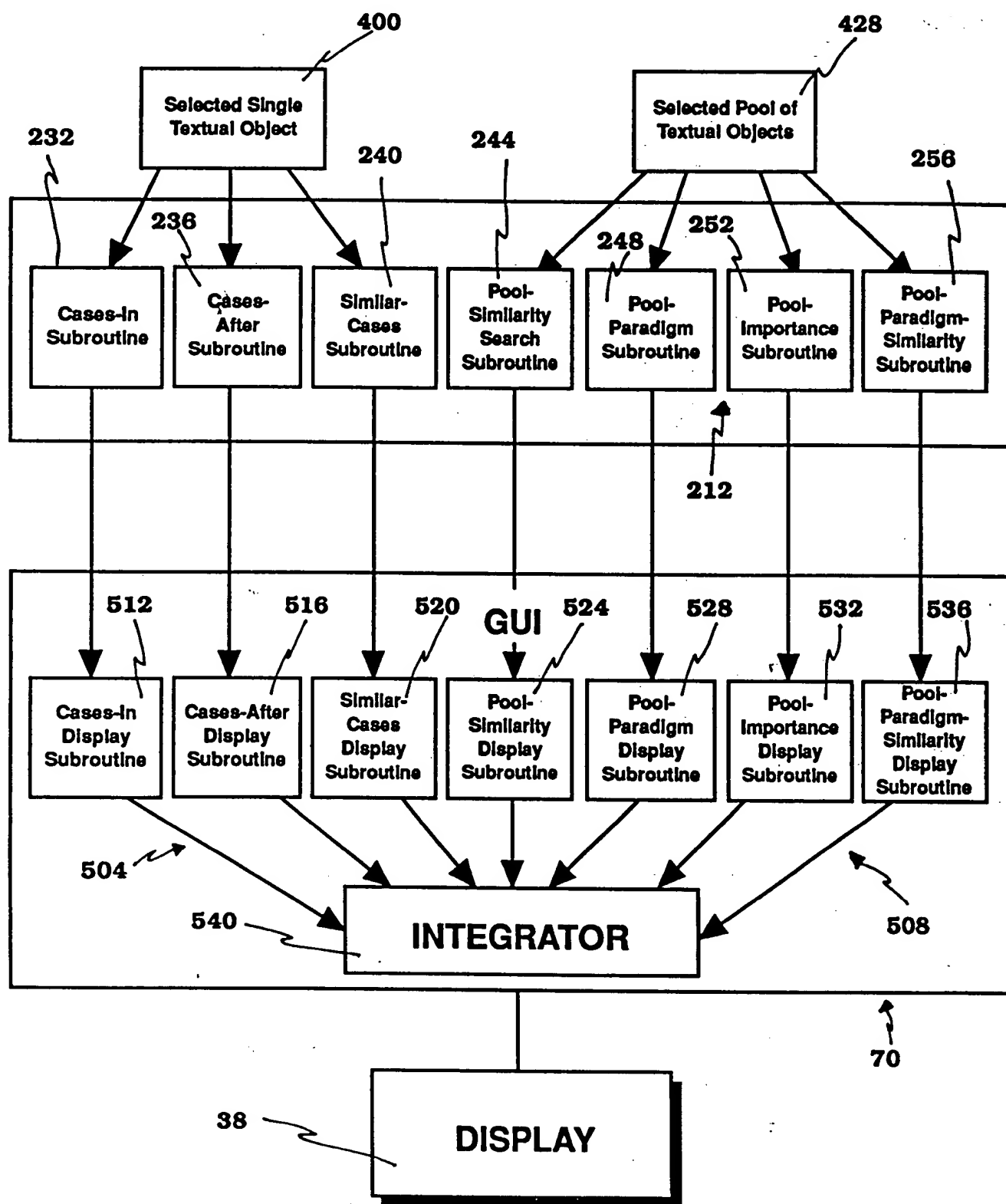


FIG. 5A

Fig. 5B

[illegible]

Fig. 5C

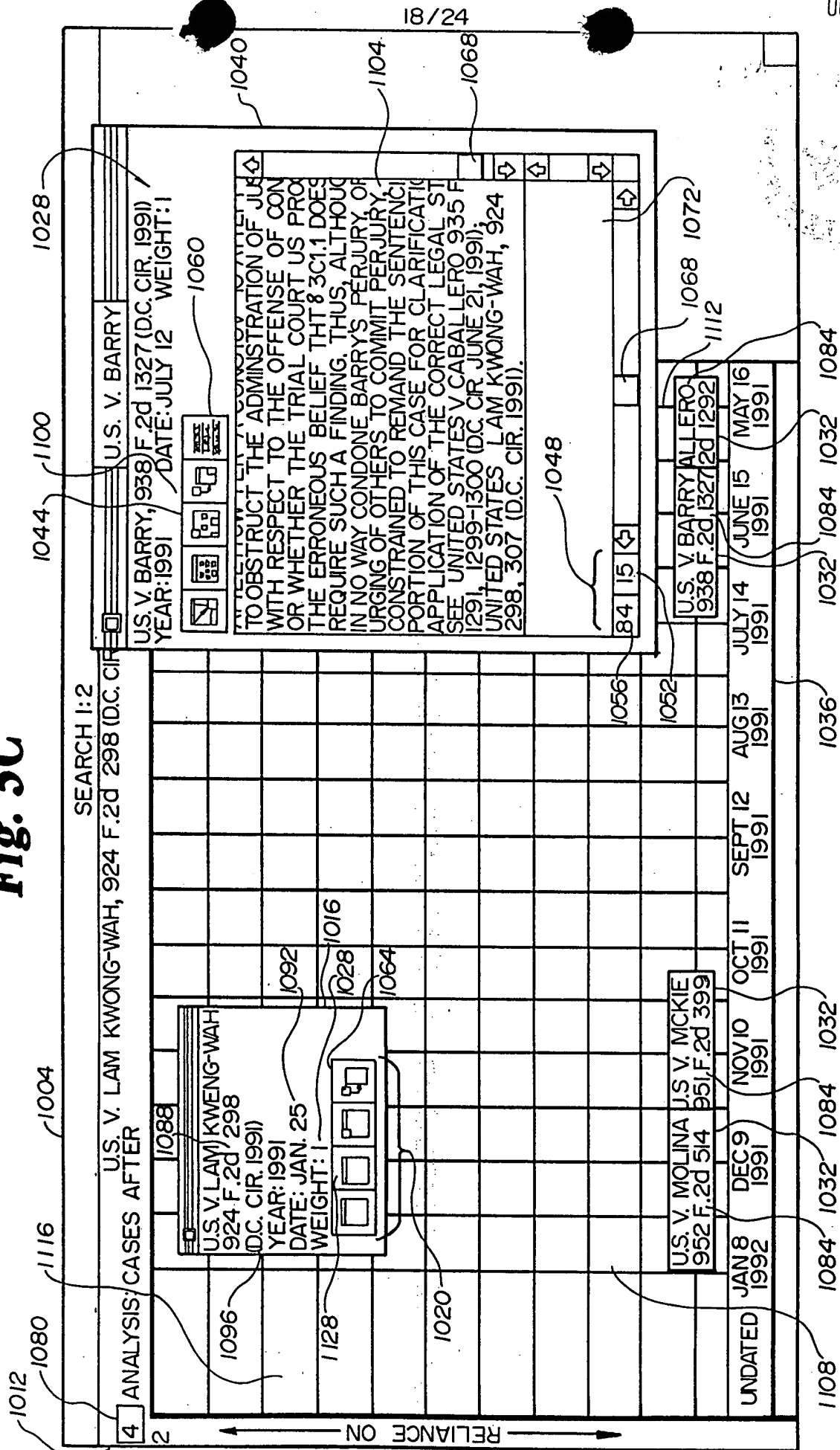


Fig. 5D

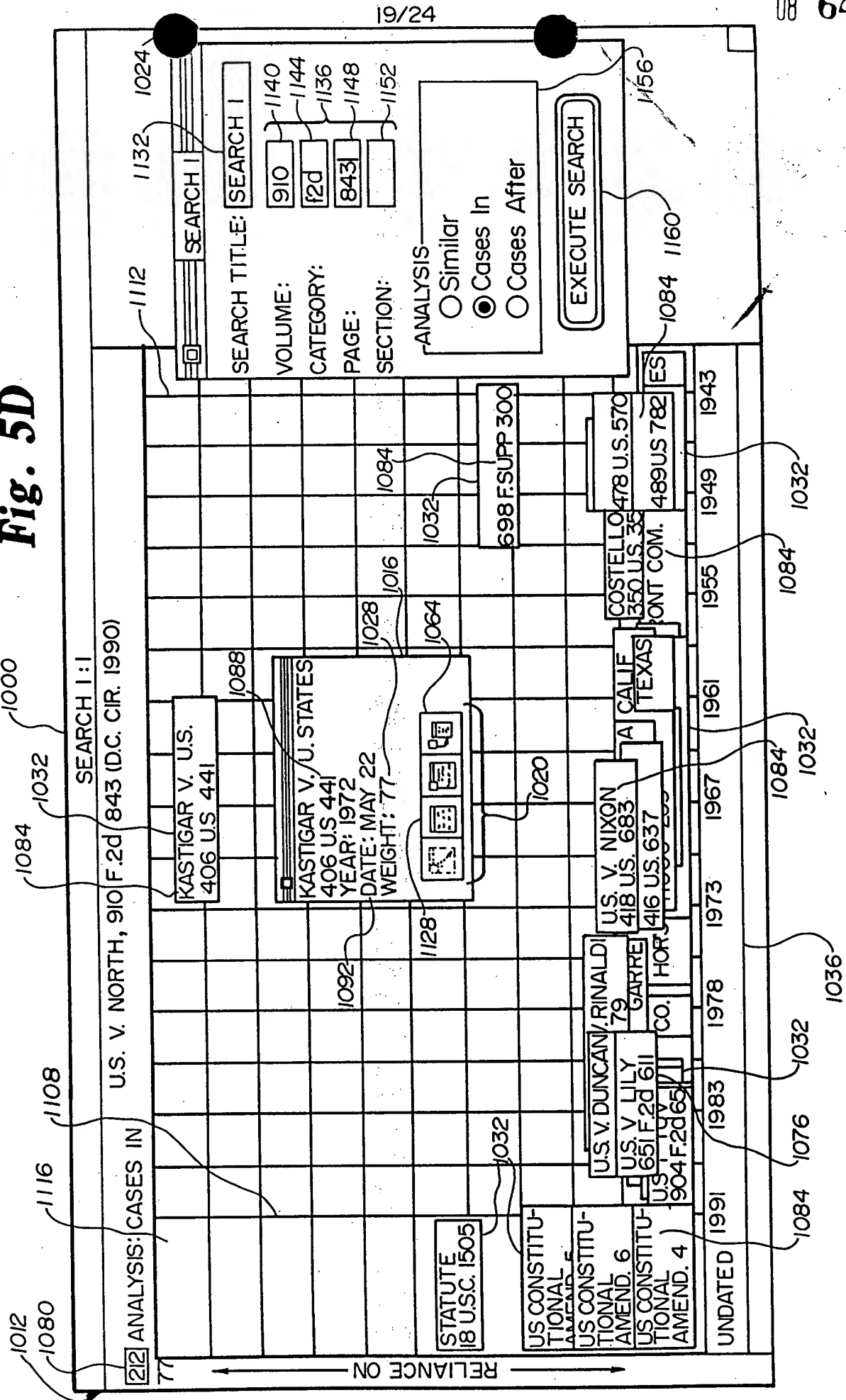


Fig. 5F

SEARCH 1:3

[illegible]

Fig. 5H

The figure shows a search interface window titled "SEARCH 1". The window contains the following elements:

- SEARCH TITLE:** A text box containing "SEARCH 1".
- VOLUME:** A text box containing "910".
- CATEGORY:** A text box containing "f2d".
- PAGE:** A text box containing "843".
- SECTION:** An empty text box.
- ANALYSIS:** A section containing three radio button options:
 - ☐ Similar
 - ☐ Cases In
 - ☒ Cases After
- EXECUTE SEARCH:** A button at the bottom of the window.

Reference numerals point to specific parts of the interface:

- 1024 points to the title bar area.
- 1132 points to the "SEARCH TITLE" label.
- 1140 points to the "VOLUME" label.
- 1144 points to the "CATEGORY" label.
- 1148 points to the "PAGE" label.
- 1152 points to the "SECTION" label.
- 1136 points to a bracket grouping the "VOLUME", "CATEGORY", "PAGE", and "SECTION" labels.
- 1156 points to the "ANALYSIS" section.
- 1160 points to the "EXECUTE SEARCH" button.

24/24

Schematic Representations of the Eighteen Primary Patterns

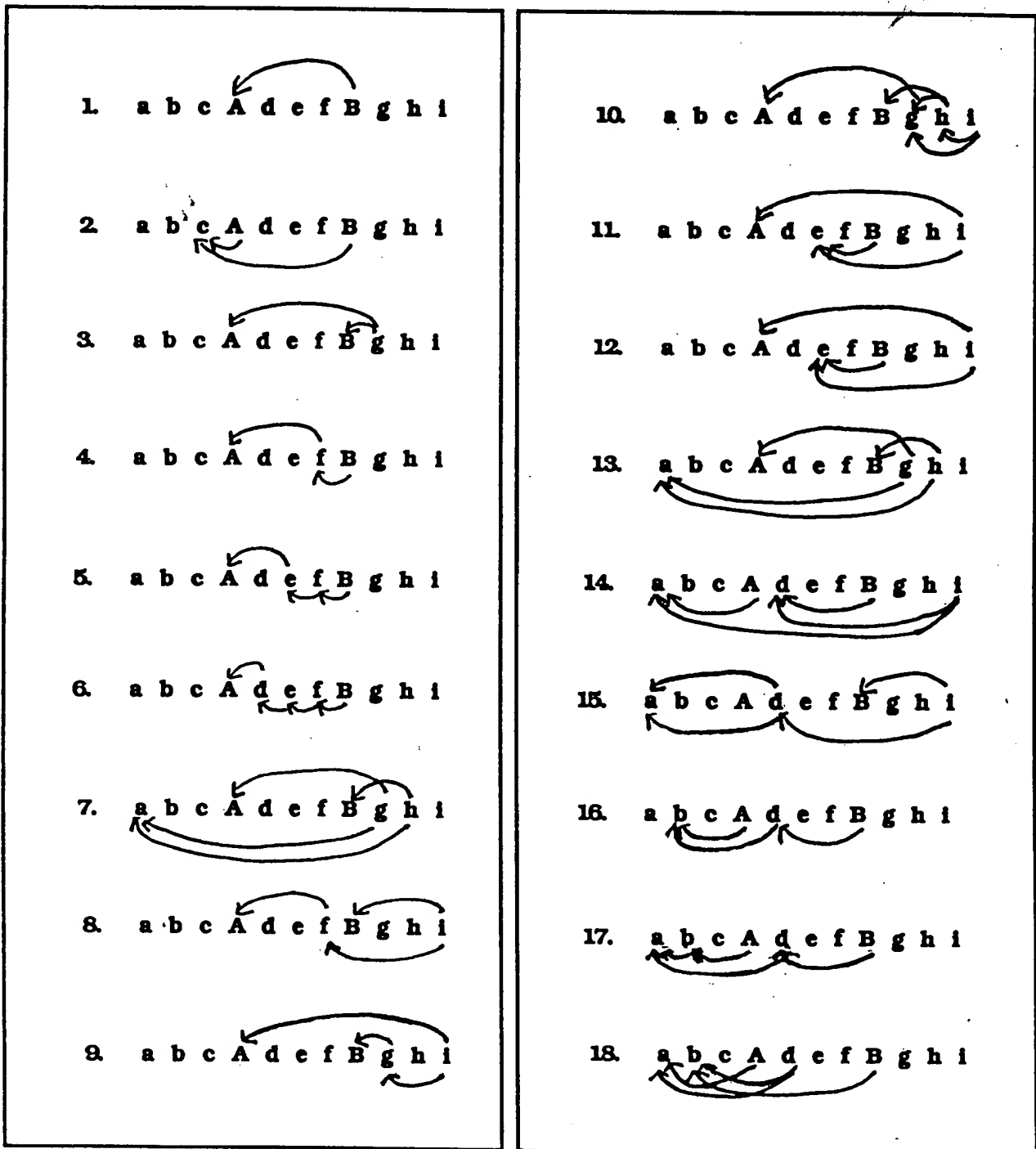
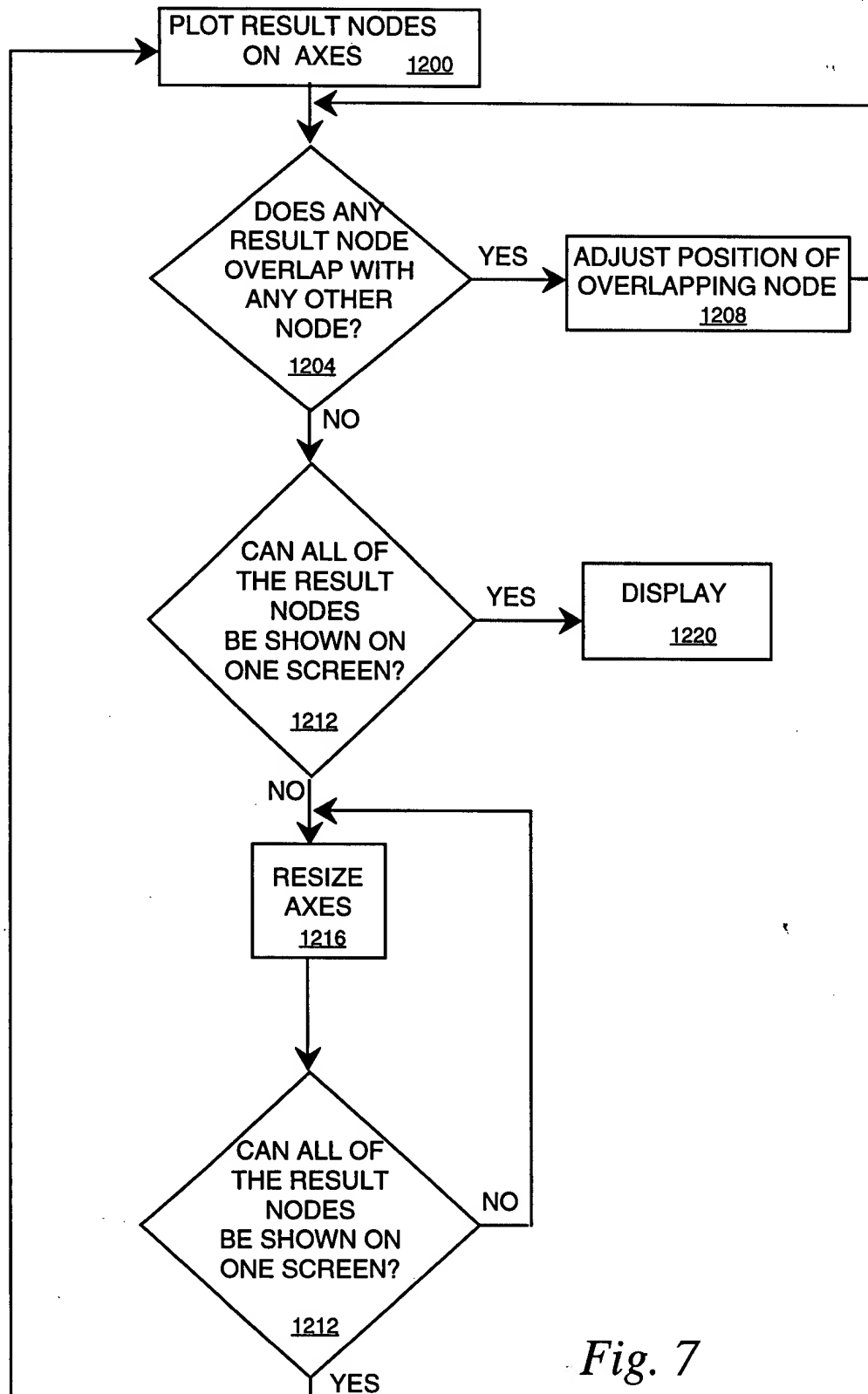


FIG. 6

*Fig. 7*

File Edit View Search Layout Customize V-Search Window Help

Folio Bound VIEWS

Alves v. Commissioner... Cluster Map

Alves v. Commissioner
734 F.2d 478 (9th Cir. 1984)
20 of 24 items

Open Save Query Clear Query Next Previous Backtrack Trail Contents Highlighter Bookmark Go to Field

Cluster Influence Source Show text Show usage

2100, 1032 26 U.S.C. § 83 (1991) 2104

Centel Comm. Co., Inc. v. Commissioner
92 T.C.M. 612 (1989) 1032

Montelepre Systemed, Inc. v. Commissioner
61 T.C.M. 1782 (1991)

Koss v. Commissioner
57 T.C.M. 882 (1989)

Pagel, Inc. v. Commissioner
91 T.C. 200 (1988)

Klingler Electric Co. v. United States
776 F.Supp. 4158 (S.D. Miss. 1991) 1032

Robinson v. Commissioner
82 T.C. 424 (1984)

1033 Campbell v. Commissioner
59 T.C.M. 236 (1990) 2120

Schulman v. Commissioner
93 T.C. 623 (1989)

Robinson v. Commissioner
805 F.2d 38 (1st Cir. 1986)

Treas. Reg. § 1.83-3 (1985)

26 U.S.C. § 83(c) (1983)

Montelepre Systemed, Inc. v. Commissioner
956 F.2d 496 (5th Cir. 1992)

Centel Comm. Co., Inc. v. Commissioner
920 F.2d 1496 (7th Cir. 1990)

Bagley v. Commissioner
806 F.2d 169 (8th Cir. 1986)

Rev. Rul. 83-22

Aidoo v. Commissioner
65 T.C.M. 1738 (1993)

Jan. 1980 Jan. 1982 Jan. 1984 Jan. 1986 Jan. 1988 Jan. 1990 Jan. 1992

Record: 8/1888 Hit: 1/10 Query: group 734 F.2d 478; field 26 U.S.C. § 83(c)

Libertech Demonstration InfoBase

Alves v. Commissioner, 734 F.2d 478 (9th Cir. 1984)

San Diego, Calif. 92101, for petitioners-appellants. Jay Miller, Department of Justice, Washington, D. C. 20530, for respondent-appellee.

Before Kennedy, Schroeder, and Boochever, Circuit Judges.

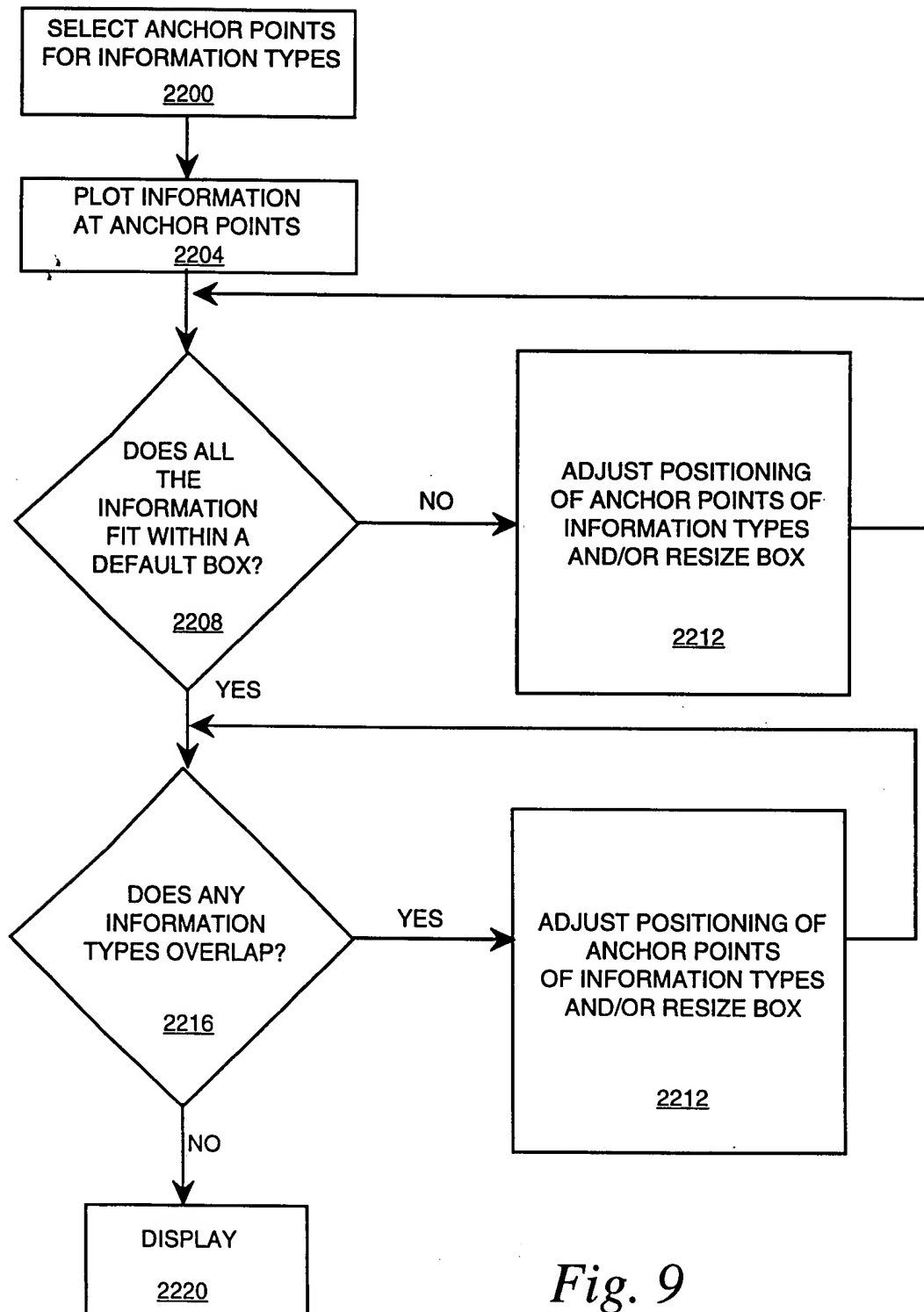
2122 Opinion

Schroeder, Circuit Judge:

Lawrence J. Alves appeals a Tax Court decision sustaining the Commissioner's finding of deficiency for 1974 and 1975. Alves v. Commissioner, 79 T. C. 864 (1982). The appeal raises an unusual question under section 83 of the Internal Revenue Code, 26 U.S.C. § 83 (1982). Section 83 requires that an employee who has purchased restricted stock in connection with his "performance of services" must include as ordinary income the stock's appreciation in value between the time of purchase and the time the restrictions lapse, unless at the time he purchased the stock he elected to include as income the difference between the purchase price and the fair market value at that time. ¹ The issue here is whether section 83 applies to an employee's purchase of restricted stock when, according to the stipulation of the parties, the amount paid for the stock equaled its full fair market value, without regard to any restrictions. The Tax Court, with two dissenting opinions, held that section 83 applies to all restricted stock that is transferred "in connection with the performance of services," regardless of the amount paid for it. 79 T. C. at 878. We affirm.

Facts

General Digital Corporation (the company) was formed in April, 1970, to manufacture and market micro-electronic circuits. At its first meeting, the company's board of directors resolved to issue 90,000 shares of its common stock to its company president, and 66,000 shares to the company underwriter. The board also voted to sell an additional 264,000 shares of common stock to seven named

*Fig. 9*

Influence Map - Brown v. United States

Brown v. United States
358 F.2d 1002 (Cl. Ct. 1984)
OVERHAULED ISSUE NO. 1 (1982) 125 Cl. 2035
OVERHAULED ISSUE NO. 2 (1993) 982 F.2d 1013

2116

Keene Corp. v. United States
113 S. Ct. 2035 (1993)
OVERHAULED ISSUE NO. 1 AT 2045

UNR Industries, Inc. v. United States
962 F.2d 1013 (Fed. Cir. 1992)
OVERHAULED ISSUE NO. 2 AT 1022

Webb & Associates v. United States
19 Cl. Ct. 650 (1990)
OVERHAULED ISSUE NO. 2 AT 655

1032

Boehm v. United States
22 Cl. Ct. 511 (1991)
OVERHAULED ISSUE NO. 2 AT 515

2112

Comm. Dept. of Children And Youth Services v. United States
16 Cl. Ct. 102 (1989)
OVERHAULED ISSUE NO. 2 AT 105

1032

Johns-Manville Corp. v. United States
855 F.2d 1556 (Fed. Cir. 1988)
DISTINGUISHING AT 1560

2112

Donnelly v. United States
28 Fed. Cl. 62 (1993)
QUESTIONING ISSUE NO. 1 AT 65

George F. Miller Farms v. United States
27 Fed. Cl. 672 (1993)
QUESTIONING ISSUE NO. 1 AT 678

Hardwick Bros. Co. v. United States
26 Cl. Ct. 884 (1992)
QUESTIONING AT 885

Keene Corp. v. United States
17 Cl. Ct. 146 (1989)
Issue No. 1 at 158

Benally v. United States
14 Cl. Ct. 8 (1987)
DISTINGUISHING ISSUE NO. 1 AT 11

Marshall Leasing, Inc. v. United States
13 Cl. Ct. 368 (1987)
DISTINGUISHING ISSUE NO. 1 AT 370

Keene Corp. v. United States
12 Cl. Ct. 197 (1987)
Issue No. 1 at 212

Jan. 1986 Jan. 1987 Jan. 1988 Jan. 1989 Jan. 1990 Jan. 1991 Jan. 1992 Jan. 1993

Source Map - Terry v. Ohio 292 U.S. 1 (1968)

Terry v. Ohio
292 U.S. 1 (1968)

U.S. CONST. AMEND. IV (1791)

Bech v. Ohio
379 U.S. 89 (1964)

Katz v. United States
389 U.S. 347, 351 (1967)
(Harlan, J., concurring)

ALTIFFAN ET AL.
DETECTION OF CRIME (1967)

Preston v. United States
376 U.S. 364 (1964)

People v. Rivera
14 N.Y.2d 441 (1964)

CERT. DENIED 379 U.S. 372

Camara v. Mun. Ct.
387 U.S. 523 (1967)

Warden v. Hayden
387 U.S. 294, 310 (1967)
(Fortas, J., concurring)

Mapp v. Ohio
367 U.S. 643 (1961)

Elhins v. United States
364 U.S. 206 (1960)

Brinegar v. United States
338 U.S. 160 (1949)

United States v. Di Re
332 U.S. 581 (1948)

Johnson v. United States
333 U.S. 10 (1948)

Carrol v. United States
267 U.S. 132 (1925)

Ellis v. United States
264 F.2d 372 (1959)

1032

Warren, E.
1953-1969

AUTHORED 292 U.S. 1

1112

People v. Taggart
20 N.Y.2d 335 (1967)

Linkletter v. Waller
381 U.S. 618 (1965)

Wang Sun v. United States
371 U.S. 471 (1963)

Henry v. United States
361 U.S. 98 (1959)

Ohio Rev. Code § 2923.01-1953

1032

U.S. CONST. AMEND. XIV (1868)

1032

State v. Terry
5 Ohio App.2d 122 (1966)

AFFIRMED 387 U.S. 329

IV-LAFAYETTE
APPEAL FROM THE SUPREME COURT OF OHIO
APPEAL FROM THE SUPREME COURT OF OHIO (1965) 387 U.S. 329

United States v. Poller
43 F.2d 911 (1930)

Agrelló v. United States
269 U.S. 20 (1925)

Warden v. Hayden
387 U.S. 294 (1967)

Cluster Map - Pagel, Inc. v. Commissioner

Pagel, Inc. v. Commissioner
91 T.C. 200 (1988)

1032

26 U.S.C. § 83

Centel Comm. Co., Inc. v. Commissioner
92 T.C. 612 (1989)

Montelepre Systemed, Inc. v. Commissioner
61 T.C.M. 1782 (1991)

Schulman v. Commissioner
93 T.C. 623 (1989)

Koss v. Commissioner
57 T.C.M. 882 (1989)

Treas. Reg. § 1.83-7

Campbell v. Commissioner
59 T.C.M. 236 (1990)

Robinson v. Commissioner
805 F.2d 38 (1986)

Alves v. Commissioner
734 F.2d 478 (1984)

Robinson v. Commissioner
82 T.C. 444 (1984)

Cohn v. Commissioner
73 T.C. 443 (1979)

Cassetta v. Commissioner
39 T.C.M. 188 (1979)

Montelepre Systemed, Inc. v. Commissioner
956 F.2d 496 (1992)

Klingler Electric Co. v. United States
776 F. Supp. 1158 (1991)

Rev. Rul. 83-22

Richardson v. Commissioner
64 T.C. 621 (1975)

26 U.S.C. § 162

The Tax Reform Act of 1969
Pub. L. 91-172 1969

The Securities Exchange Act of 1934
15 U.S.C. § 78p(b) 1934

Olmo v. Commissioner
38 T.C.M. 1112 (1979)

Aldoo v. Commissioner
65 T.C.M. 1798 (1993)

1032 2020

2020

Jan. 1924 Jan. 1930 Jan. 1936 Jan. 1942 Jan. 1948 Jan. 1954 Jan. 1960 Jan. 1966 Jan. 1972 Jan. 1978 Jan. 1984 Jan. 1990

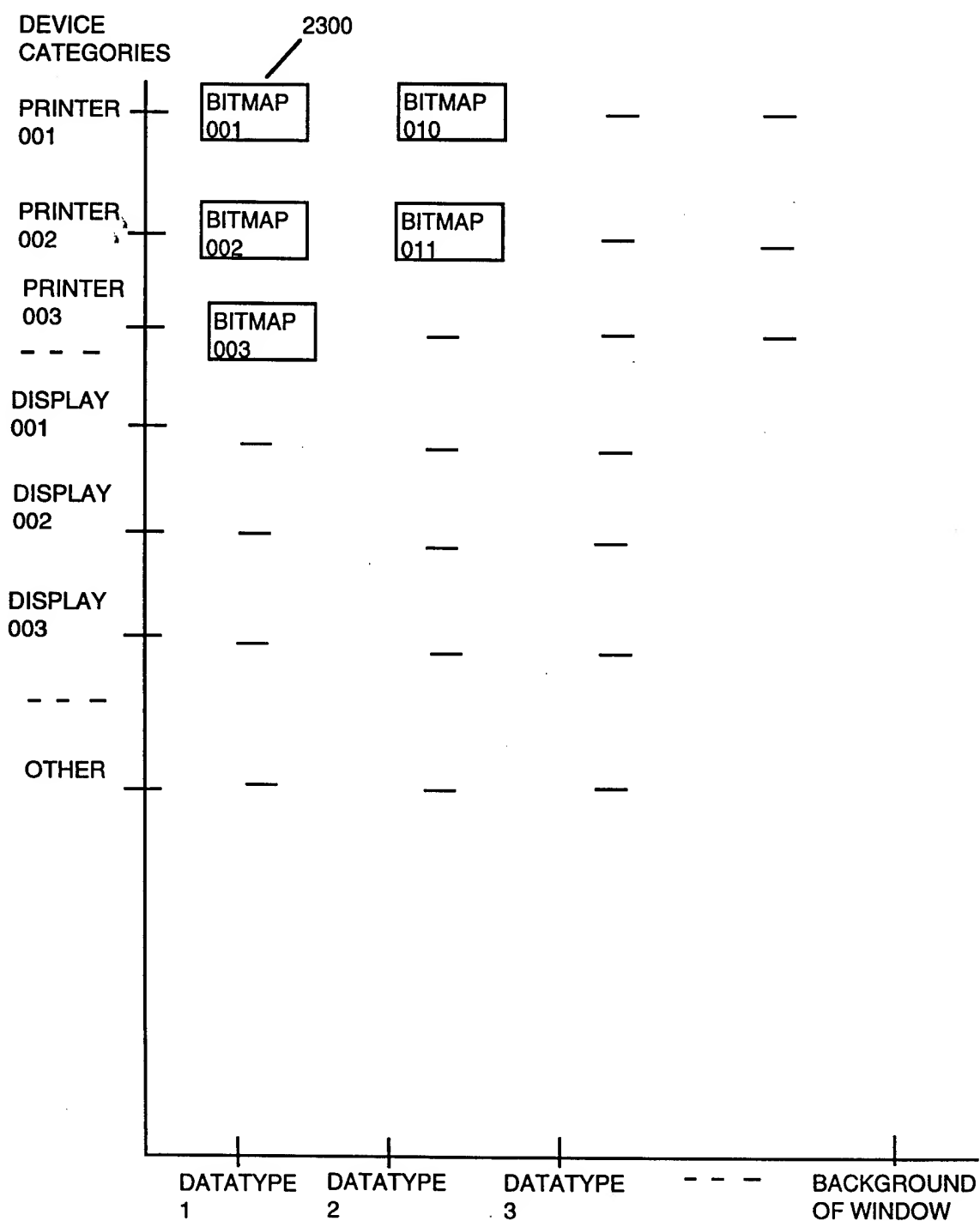


Fig. 11

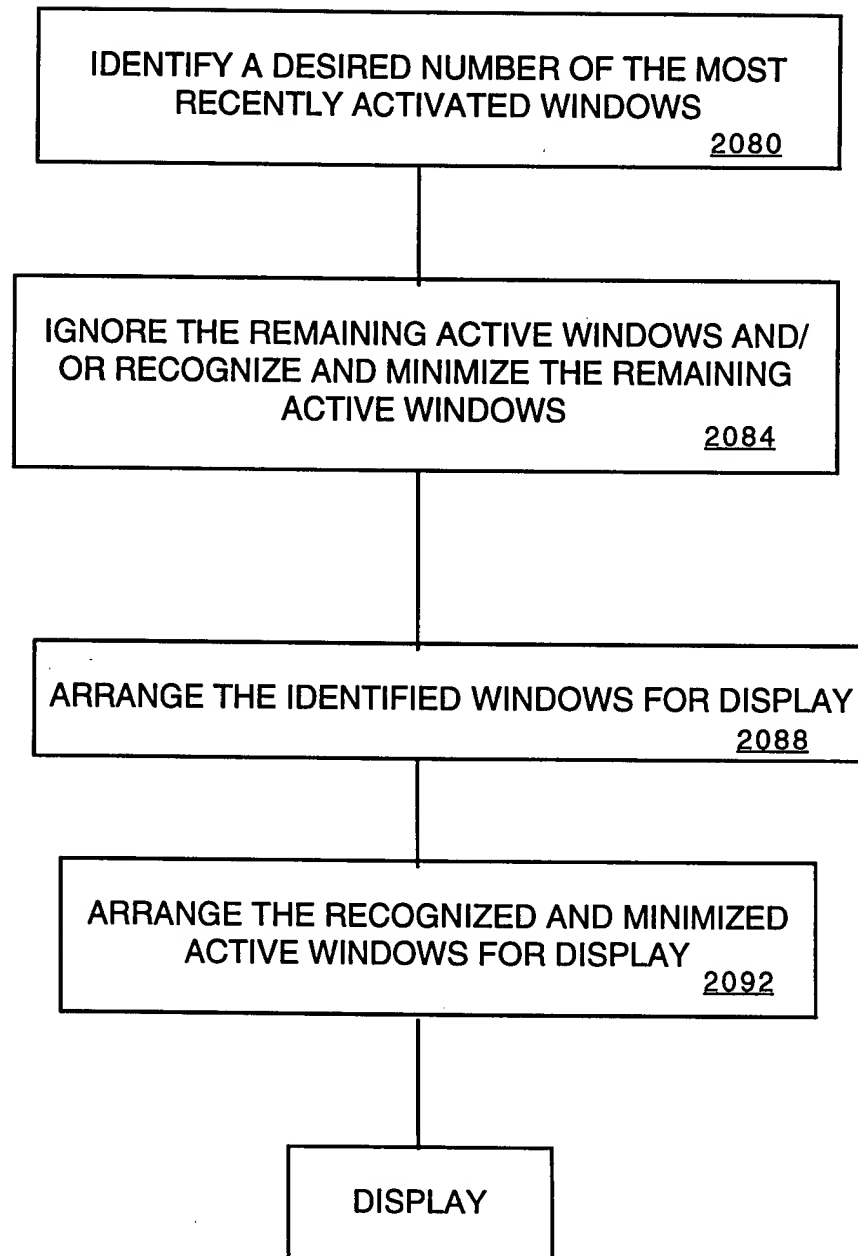


FIG. 12

Folia Bound VIEWS

File Edit View Search Window Help

🎵 The Constitutional Right T... 國同國

**UNION PACIFIC
RAILWAY
COMPANY v.
BOTSFORD.**

**Union Pacific Railway
Co. v. Botsford 141
U.S. 250**

**Error to the Circuit Court of
the United States for the
District of Indiana.**
No. 1375.
Submitted January 6,
1891.—Decided May 25,
1891.

Libertech	Case
<u>Holding:</u>	Federal
courts do not have	
the power under	
federal statutes or	
common law to	
order a plaintiff in a	
personal injury civil	
suit to submit to a	
physical examination	
requested by the	

THE NEW YORK PUBLIC LIBRARY

THE A. A. MALLORY CO. U.S. PAT. 2,140,481

H. L. v. Matheson
459 U.S. 398, 425 (1981)
Marshall, J. (dissenting)
12 of 20 items

12 of 20 Items

Carey v. Population Services International
401 U.S. 678 (1977)

Planned Parenthood of Missouri v. Danforth
38 U.S. 52 (1976)

Rev. v. Wade
440 U.S. 113 (1973)

E. 82 YALE L. J. 920 (1973)

**Bellotti &
443 U.S. (1980)**

V. 74 COLUM. L. REV. 1410 (1974)

Doe v. Bolton
410 U.S. 179 (1973)

Wlaconsin v. Yoder
405 U.S. 205 (1972)

Eisenstadt v. Baird - Maher v. Roe
406 U.S. 438 (1972) 432 U.S. 454 (1977)

五

W. L. UNION PACIFIC RAILROAD CO.

Union Pacific Railway Co. v. Botsford
144 U.S. 250 (1891)

Prof. v. Salkowitz

amforth

H. L. v. Matheson
450 U.S. 398, 425 (1981)

U. R. 66
S. 484 (1977)

International Journal of

Fordy v. Manchester Memorial Hosp.
60 Conn. Sup. 127 (1954)

Harrie v. McRae 130
440 U.S. 297 (1980)

Bellocchi v. Baird
443 U.S. 622 (1979)

File **Edit** **View** **Search** **Window** **Help**

The Constitutional Right To Privacy: Roe v. Wade and Beyond

▼ UNION PACIFIC RAILWAY COMPANY v. BOTSFORD.

Union Pacific Railway Co. v. Botstford 141 U.S. 250

Error to the Circuit Court of the United States for the District of Indiana.
No. 1375.

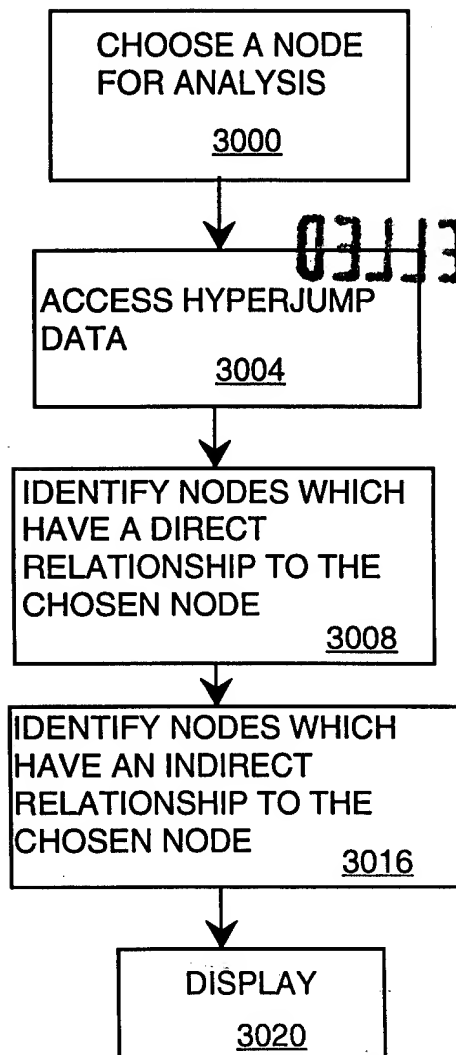
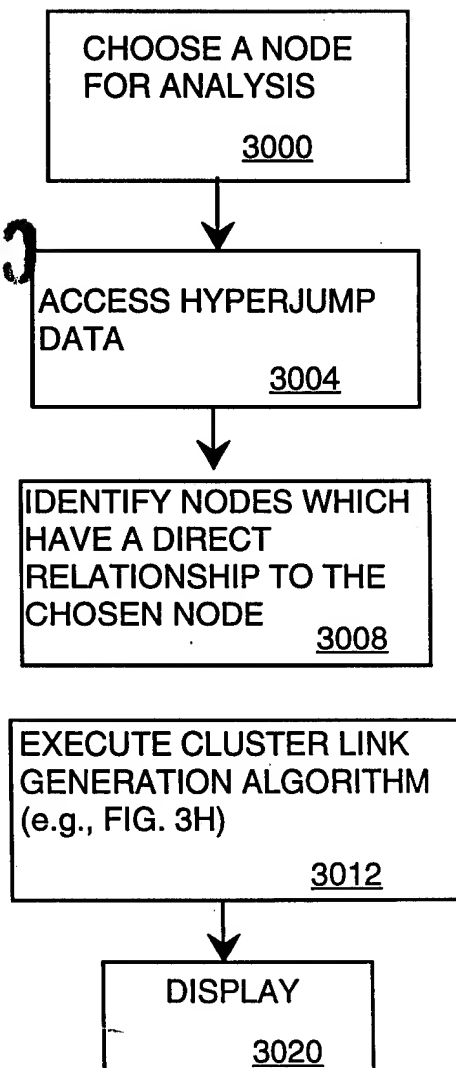
Submitted January 6, 1891.—Decided May 25, 1891.

Libertech Case Holding. Federal courts do not have the power under federal statutes or common law to order a plaintiff in a personal injury civil suit to submit to a physical examination requested by the defense to determine the extent of his or her injuries. Justice Gray wrote the opinion for 7 Members of the Court.

Union Pacific Railway Co. v. Botstford 141 U.S. 250 (1891)	U.S. CONST. AMEND. XIV 1869	Roe v. Wade 410 U.S. 119 (1973)
Union Pacific Railway Co. v. Botstford 141 U.S. 250 (1891)	U.S. CONST. AMEND. I 1791	Superintendent of Belchertown State School v. Bullock 379 Mass. 720 (1977)
		Griswold v. Connecticut 381 U.S. 479 (1966)
		H. L. v. Matheson 425 U.S. 398 (1975)

Page 8 of 24 Items

Record: 1/3/10/15 11:00 PM

*Fig. 14A**Fig. 14B*